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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/857,698	11/09/2001	Paul Berger	C1043/7032	9935

7590 07/14/2005
Finnegan, Henderson, Farabow, Garrett & Dunner
1300 I Street, NW
Washington, DC 20005-3315

EXAMINER

LEURIG, CHARLENE L

ART UNIT PAPER NUMBER

2879

DATE MAILED: 07/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<i>Advisory Action Before the Filing of an Appeal Brief</i>	Application No. 09/857,698	Applicant(s) BERGER ET AL.	
	Examiner Sharlene Leurig	Art Unit 2879	

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 13 June 2005 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.
 b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☒ The Notice of Appeal was filed on 13 June 2005. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☐ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because
 (a) ☐ They raise new issues that would require further consideration and/or search (see NOTE below);
 (b) ☐ They raise the issue of new matter (see NOTE below);
 (c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 (d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
 5. ☐ Applicant's reply has overcome the following rejection(s): _____.
 6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
 7. ☐ For purposes of appeal, the proposed amendment(s): a) ☐ will not be entered, or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.
 The status of the claim(s) is (or will be) as follows:
 Claim(s) allowed: _____.
 Claim(s) objected to: _____.
 Claim(s) rejected: _____.
 Claim(s) withdrawn from consideration: _____.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
 9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
 10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because: Applicant has argued that the examiner's rejection of claims 43-58 as being obvious over Nakamura JP 08222374A in view of the Michaelson reference is improper. Applicant argues that Nakamura fails to disclose a light absorbent layer comprising a fluoride or oxide of a metal having a work function of 3.5 eV or less (page 6), and argues that Nakamura discloses graphite or the organic compound of Formula I as the light absorbing material rather than a metal oxide. The examiner directs applicant to paragraph 0011 of Nakamura, which explains that "M" in Formula I is an alkaline metal such as calcium, potassium or sodium, which can be seen in the formula to be bound to an oxide. Therefore Nakamura discloses a light-absorbing layer having an oxide of calcium, potassium or sodium. The applicant's argument that the organic compound is different from the inorganic alkaline oxide of the applicant's invention is not sufficient to overcome the rejection, as the claim does not recite the oxide being part of an inorganic compound. Furthermore, the applicant's argument that Nakamura's low work function metal does not contribute to electron injection is not sufficient to overcome the rejection as the claims do not recite the low work function metal injecting electrons. The examiner's combination of the Nakamura and Michaelson references were not for the purpose of modifying the Nakamura light-absorbing layer to have metals with work functions below 3.0. The Michaelson reference simply teaches that the metals disclosed by Nakamura as being present in the light-absorbing layer have the given work functions. Therefore the combination of references is not contrary to Nakamura's invention. Therefore the rejection of record is maintained.

12. ☐ Note the attached Information Disclosure Statement(s). (PTO/SB/08 or PTO-1449) Paper No(s). _____
 13. ☐ Other: _____.

U.S. Patent and Trademark Office
PTOL-303 (Rev. 4-05)

Advisory Action Before the Filing of an Appeal Brief

Part of Paper No. 0605


ASHOK PATEL
PRIMARY EXAMINER